



# KOREAN PATENT ABSTRACTS(KR)

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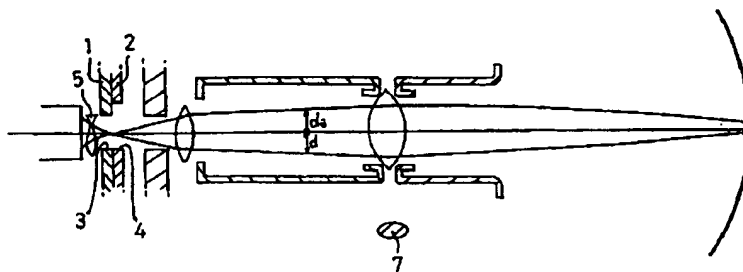
CHOI, JIN YEOL

(30) Priority:

(54) Title of Invention

ELECTRON GUN FOR COLOR CRT

Representative drawing



(57) Abstract:

PURPOSE: An electron gun for a color CRT(cathode-ray tube) is provided to obtain excellent resolution over the entire band of a screen by preventing the deterioration of an electron beam spot around the color CRT and in the middle of the screen.

CONSTITUTION: On welding a plate electrode(2) into a first grid electrode(1), the thickness of an electron beam through hole(3) is thicker in a horizontal direction and thinner in a vertical direction. With the operation of an electron gun, the concentrating performance of an electron lens(5) becomes different depending on the thickness of the through-hole in the horizontal and the vertical direction. Therefore, an electron beam spot is prevented from deterioration around a screen and in the middle of the screen,

thus the electron beam spot property is kept well over the entire band of the screen.

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